

Examination of the divisional application on its merits is awaited.

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Respectfully submitted,

William M. Lee, Jr.
Registration No. 26,935

Lee, Mann, Smith, McWilliams,
Sweeney & Ohlson
P.O. Box 2786
Chicago, IL 60690-2786
312-368-1300
312-368-0034 (Fax)

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Version With Markings To Show Changes Made

Page 17, line 19 through page 18, line 3:

Figure 7 shows the important components of the monitoring system for a chamber such as shown in Figure 1. Each probe 15 connects to an input of a signal processor 50, the output of which is digitised by an A/D converter 52 for supply to a microprocessor 54 which handles the modulation of a radio signal in a transmitter 56 to which signals are supplied from the microprocessor for radiation by an antenna 58. A power supply 60 may comprise a battery. Except for the probe 15 and antenna 58, all the units shown in Figure 7 may be housed within a housing located on the sample holder rotor 5A[.] [S]so that there is no relative movement between it and the probe 15[, the]. The chamber 14 must be constructed so that at least part of its wall is capable of transmitting the radio signals from the antenna.

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